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PUBLIC HEALTH REPORTS.

UNITED STATES.

Further studies upon tetanus antitoxin—Necessity for an American standard unit of measurement.

Passed Assistant Surg. M. J. Rosenau, director of the hygienic laboratory, under date of April 11, 1907, submitted the following statement showing the necessity of an American standard unit:

The studies upon tetanus antitoxin have progressed satisfactorily. The necessity for establishing an American unit to provide uniformity for this important prophylactic is evident from the following statement:

Manufacturer.	Units claimed per c. c.	Units per c. c. according to the American standard.
A	0.5	434
A75	769
B	700	166
C	100,000	77
D	5	333
E	6,000,000	90
F01	2

The great discrepancy in the old system of measurement and the weakness of some of the serums upon the market is evident from the above figures.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Report from Vanceboro, Me.—Smallpox on Canadian border—Train inspection.

Acting Assistant Surgeon Young reports, May 6:

Week ended May 4, 1907: Inspected 18 trains carrying about 900 passengers; vaccinated, 28; accepted certificates of vaccination and nonexposure to infection in the case of 40.

It is officially stated that the last cases of smallpox in Nova Scotia will be released from quarantine in a few days.